

hIL-2	1	15	16	30	31	45	46	60	61	75	76	90
hIL-15	-----	-----	-----	APTSSSTKK	TQLQLEHLLDLQMILNGINNYKN	-----	-----	-----	PKLTRMLTFKFY	MPKKATE	----	LKHLQ
za11-Lig	-----	AGIH	VFILGCF	SAGLPKTE	ANWVNVISDLKKI	-EDLIQSMHIDAT	-----	-----	-----	LY	TESDVHP	SCKVTAMK
hIL-4	-----	-----	-----	SSQGQDRHMIRM	RQLIDIVDQLKNVYNDLVPEF	-----	-----	-----	-----	LP	APEDVETNCEW	SAFS
mIL-4	-----	-----	-----	-----	HKCD-	ITLQEI	IKTLNSLTEQKTLCTELTVTDI	-----	-----	FA	ASKNTTE	----KETF
hGM-CSF	-----	-----	-----	-----	HIHGCDK	NHLREI	IGILNEVTGEGTCTEMDVPNV	-----	-----	LT	ATKNTTE	----SELV
mGM-CSF	-----	-----	-----	-----	SPSPSTQPWEHV	NAIQEARRLLNLSRDTAAEMNETV	-----	-----	-----	E	VISEMFD	----LQEPT
	-----	-----	-----	-----	IIIVTRPWKHV	EAIKEALNLLDDMPVTL	----NEEV	-----	-----	E	VVSNEFS	----FKKLT
hIL-2	91	105	106	120	121	135	136	150	151	165	166	180
hIL-15	CLEELKPLEEVLNL	AQSKNFHLRPROLIS	NINVIVLGLKGSE	-----	-----	-----	-----	-----	-----	TTFMCE-	YADETATIVEF	FLNRW
za11-Lig	CFLLELQVISLESGD	ASIHDTVENLIILAN	NSLSSNGNVTESG	-----	-----	-----	-----	-----	-----	CKECEE	LEEK--NIKEFLQSF	
hIL-4	CFQKAQLKSANTGN	ERIINVS	IKLKRKP	PSTNAGRRQKHRL	-----	-----	-----	-----	-----	TCPSCDS	YEKK--PPKEFLERF	
mIL-4	CRAATVLRQFYSHHE	KDTRCLGATAQQFHR	HKQLIRFLKRLDRNLWGLAGL	-----	-----	-----	-----	-----	-----	NSCPV	KEANQSTLENFLERL	
hGM-CSF	CRASKVLIRIFYLKHG	K-TPCLKKNSSVLME	LQRLFRAFRC LDS	-----	-----	-----	-----	-----	-----	SISCTM	NESKSTSLKDFLES	
mGM-CSF	CLQTRLELYKQGLRG	SLTKLKGPLTMMASH	YKQHCPTPE	-----	-----	-----	-----	-----	-----	TSCA-	--TQIITFESFKENL	
	CVQTRLKIFEQGLRG	NFTKLKGALNMTASY	YQTYCPTPE	-----	-----	-----	-----	-----	-----	TDCE-	--TQVTTYADFIOSL	
hIL-2	ITFCQSIISTL	132										
hIL-15	VHIVQMFINTS1	134										
za11-Lig	KSLLLQKMIHQHLSSR	THGSEDS	136									
hIL-4	KTIMREKYSKCSS	129										
mIL-4	KSIMQMDYS	120										
hGM-CSF	KDFLLVIPFDC--WE	119										
mGM-CSF	KTFLTDIPFEC--KK	PSQK	118									

FIG. 1

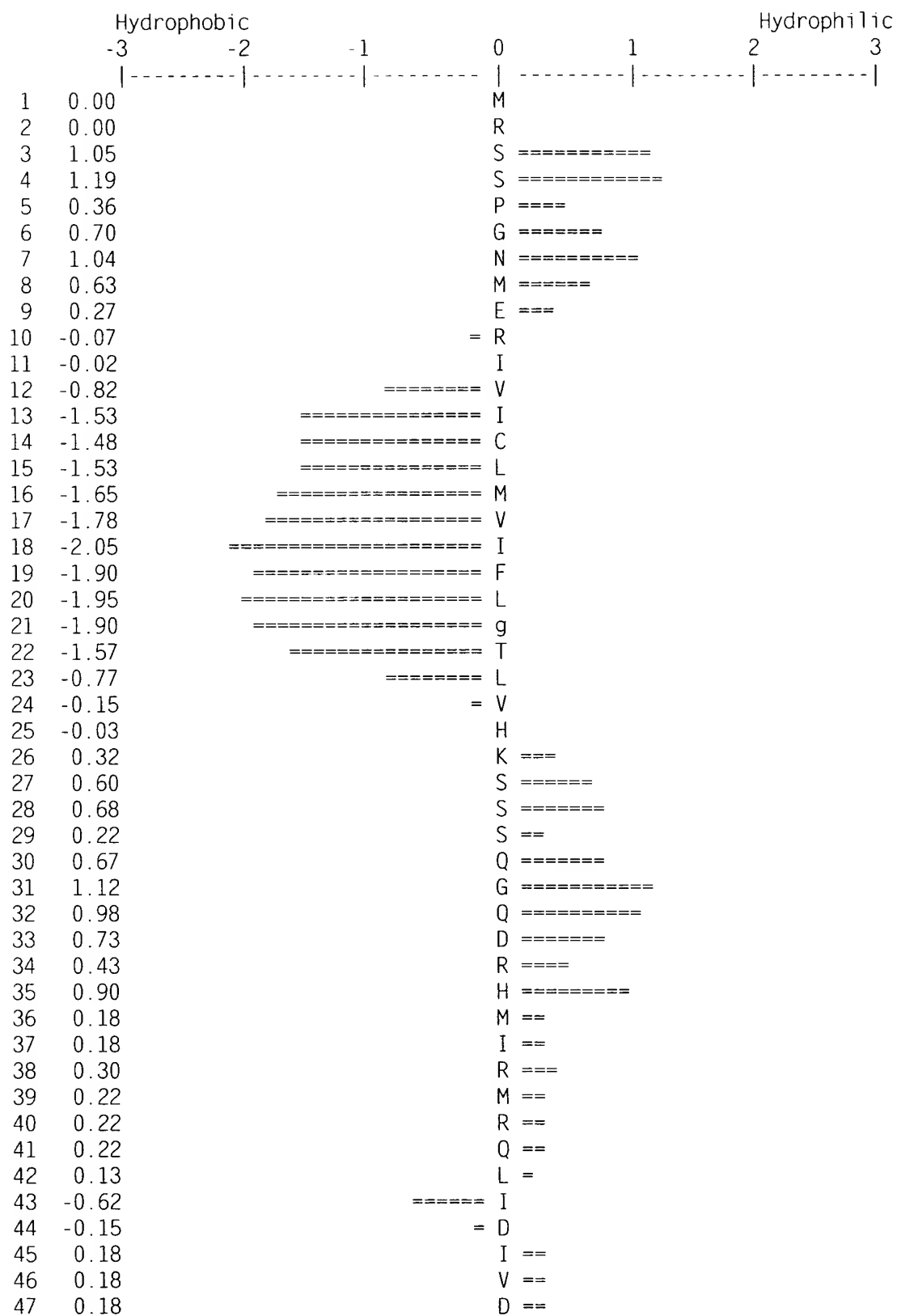


FIG. 2A

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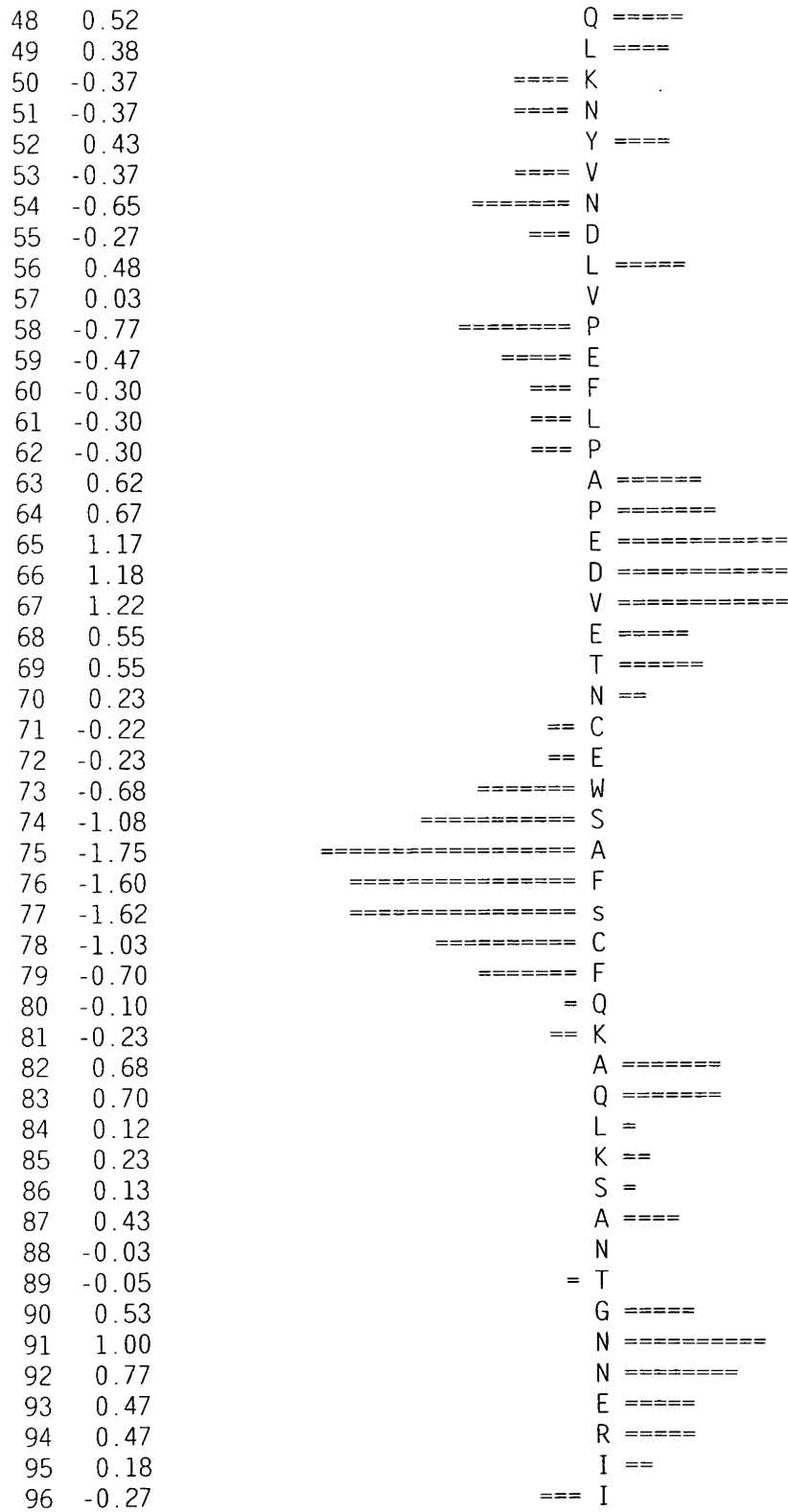


FIG. 2B

97	-1.07	=====	N
98	-0.27	===	V
99	0.53		S =====
100	0.20		I ==
101	0.95		K =====
102	1.40		K =====
103	2.20		L =====
104	1.70		K =====
105	1.20		R =====
106	1.55		K =====
107	0.98		P =====
108	0.52		P =====
109	-0.07	=	S
110	-0.07	=	T
111	0.43		N =====
112	0.88		A =====
113	0.98		G =====
114	1.45		R =====
115	1.85		R =====
116	2.35		Q =====
117	1.55		K =====
118	0.98		h =====
119	0.78		R =====
120	0.28		L ==
121	0.02		T
122	-0.65	=====	C
123	0.15		P ==
124	0.27		S ==
125	0.45		C =====
126	0.95		D =====
127	1.40		S =====
128	2.07		y =====
129	1.57		E =====
130	1.52		K =====
131	2.00		K =====
132	2.00		P =====
133	1.08		P =====
134	0.28		K ==
135	0.78		E =====
136	1.28		F =====
137	0.37		L =====
138	0.37		E =====
139	0.83		R =====
140	0.83		F =====
141	0.03		K
142	-0.43	=====	S
143	0.48		L =====
144	-0.23	==	L
145	-0.58	=====	Q

FIG. 2C

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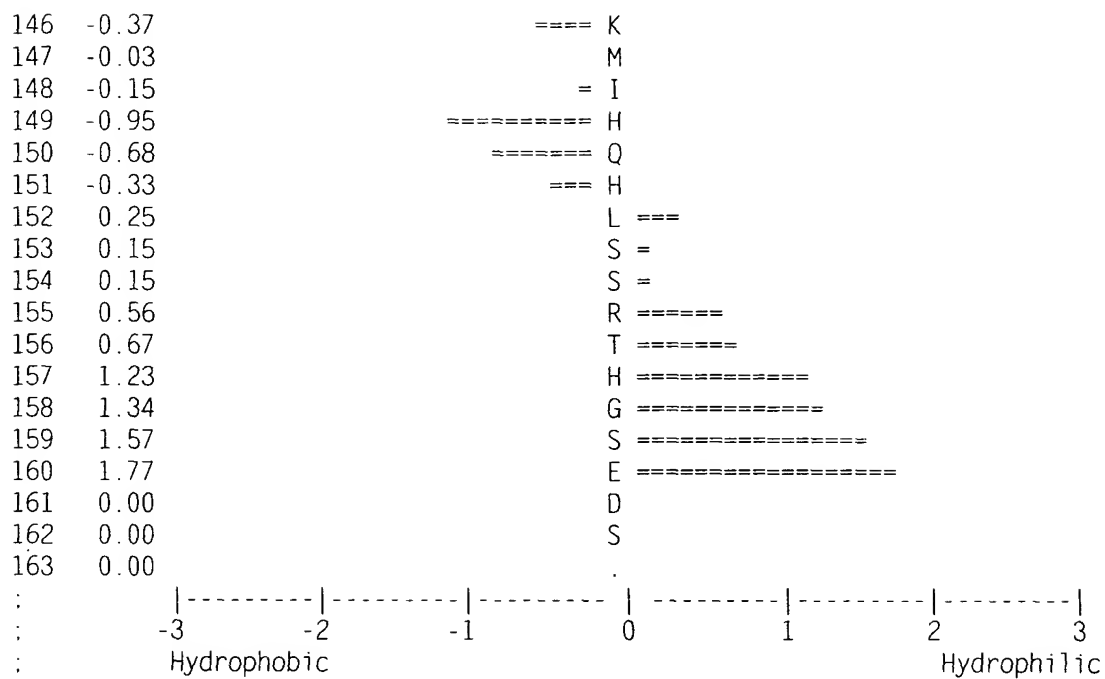


FIG. 2D